

## Electronic Patent Application Fee Transmittal

|  |  |                 |               |                             |
|--|--|-----------------|---------------|-----------------------------|
| <b>Application Number:</b>                     | 10749853   |                 |               |                             |
| <b>Filing Date:</b>                            | 30-Dec-2003  |                 |               |                             |
| <b>Title of Invention:</b>                     | ADAPTIVE PUNCTURING TECHNIQUE FOR MULTICARRIER SYSTEMS |                 |               |                             |
| <b>First Named Inventor/Applicant Name:</b>    | Alexander A. Maltsev                                   |                 |               |                             |
| <b>Filer:</b>                                  | John Francis Kacvinsky/Jodi Byers                      |                 |               |                             |
| <b>Attorney Docket Number:</b>                 | 1020.P16743  |                 |               |                             |
| Filed as Large Entity                          |  |                 |               |                             |
| <b>Utility under 35 USC 111(a) Filing Fees</b> |  |                 |               |                             |
| <b>Description</b>                             | <b>Fee Code</b>  | <b>Quantity</b> | <b>Amount</b> | <b>Sub-Total in USD(\$)</b> |
| <b>Basic Filing:</b>                           |  |                 |               |                             |
| <b>Pages:</b>                                  |  |                 |               |                             |
| <b>Claims:</b>                                 |  |                 |               |                             |
| <b>Miscellaneous-Filing:</b>                   |  |                 |               |                             |
| <b>Petition:</b>                               |  |                 |               |                             |
| <b>Patent-Appeals-and-Interference:</b>        |  |                 |               |                             |
| <b>Post-Allowance-and-Post-Issuance:</b>       |  |                 |               |                             |
| Utility Appl issue fee                         | 1501   | 1               | 1510          | 1510                        |
| Publ. Fee- early, voluntary, or normal         | 1504   | 1               | 300           | 300                         |

| Description        | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|--------------------|----------|----------|--------|----------------------|
| Extension-of-Time: |          |          |        |                      |
| Miscellaneous:     |          |          |        |                      |
| Total in USD (\$)  |          |          |        | 1810                 |